

**CONTINUING APPLICATION TRANSMITTAL UNDER RULE 1.53(b)  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Mail Stop: Patent Application**

Director of the U.S. PTO  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: December 10, 2003

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a

☒ Continuation      ☐ Divisional      ☐ Continuation-in-Part

application of prior pending Application No. 09/755,088, filed January 8, 2001,

For (Title):      METHOD FOR THE UNCOUPLED, DIRECT, EXPONENTIAL AMPLIFICATION  
AND SEQUENCING OF DNA MOLECULES WITH THE ADDITION OF A  
SECOND THERMOSTABLE DNA POLYMERASE AND ITS APPLICATION

By (Inventors):      Christian KILGER and Svante PÄÄBO

1. ☒ A Declaration and Power of Attorney is attached. The attached Declaration and Power of Attorney is:
- ☒ a. A copy of the Declaration and Power of Attorney from the parent application. (Used with the same or fewer inventors and (a) a copy of the prior application or (b) a revised, reformatted or edited version of the prior application that does not contain new matter.)
- ☐ b. A new Declaration and Power of Attorney. (Used with the same, fewer or additional inventors and (a) a copy of the prior application, (b) a revised, reformatted or edited version of the prior application that does not contain new matter, or (c) a new specification.)
2. ☒ The filing fee based on entry of the concurrently filed Preliminary Amendment is calculated below:

**CLAIMS IN THE APPLICATION AFTER ENTRY OF  
ANY PRELIMINARY AMENDMENT NOTED BELOW**

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	25 - 20	= 5
INDEP CLAIMS	3 - 3	= 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

\* If the difference is less than zero, enter "0".

SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
RATE	FEE		RATE	FEE
	\$ 385	OR		\$ 770
x 9 =	\$	OR	x 18	\$ 90
x 43 =	\$	OR	x 86	\$
+145 =	\$	OR	+290	\$
TOTAL	\$	OR	TOTAL	\$ 860

3. ☒ A Check in the amount of \$860.00 to cover the filing fee is attached.
4. ☒ The Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 01-2300.
5. ☐ Cancel claims \_\_\_\_\_ of the application before calculating the filing fee. At least one independent claim is retained for filing purposes.
6. ☒ Amend the specification by inserting before the first line the sentence:  
--This is a ☒ Continuation ☐ Division ☐ Continuation-in-Part of Application No. 09/755,088 filed January 8, 2001, which in turn is a Continuation Application of Parent Application No. 09/357,166 filed July 19, 1999, now abandoned, which is a Divisional Application of Application No. 08/991,184, filed December 16, 1997, U.S. Patent No. 6,225,092. The disclosures of the prior application(s) are hereby incorporated by reference herein in their entirety.--
7. ☒ Formal drawings (Figs. 1-5) are attached.

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8. ☒ Priority of foreign application No. 196 53 494.1 filed December 20, 1996 in Germany is claimed under 35 U.S.C. §119 and/or §365(b).
9. ☒ The certified copy was filed in prior Application No. 08/991,184 on December 16, 1997.
10. ☐ A certified copy of the above foreign application(s) is attached.
11. ☐ Priority of U.S. Provisional Application(s) No. \_\_\_\_\_ filed \_\_\_\_\_ is claimed under 35 U.S.C. §119(e).
12. ☐ Amend the specification by inserting before the first line the sentence:  
--This nonprovisional application claims the benefit of U.S. Provisional Application(s) No. \_\_\_\_\_ filed \_\_\_\_\_.--
13. ☒ The prior application is assigned of record to Boehringer Mannheim GmbH, recorded at Reel 9337, Frame 0391 on May 22, 1998. A Change of Name to Roche Diagnostics GmbH was filed on May 28, 1999.
14. ☐ This application is filed by fewer than all the inventors named in the prior application (37 C.F.R. §1.53(b)(1)). Delete the following inventor(s) named in the prior application:
15. ☒ A Preliminary Amendment is attached.
16. ☒ An Information Disclosure Statement is attached along with Form PTO-1449.
17. ☐ Small entity status:  
☐ a. A small entity statement is attached.  
☐ b. A small entity statement was filed in the parent application and such status is still proper and desired.  
☐ c. Small entity status is no longer claimed.
18. ☐ Other: \_\_\_\_\_
19. ☒ The Power of Attorney in the application is to:

Anderson, Lynne D., Reg. No. 46,412  
Barton, Rhonda L., Reg. No. 47,271  
Berman, Richard J., Reg. No. 39,107  
Carlan, Janine, Reg. No. 42,387  
Carpenter, Robert K., Reg. No. 34,794  
Chesser, Wilburn, Reg. No. 41,668  
Crosby, Hans J., Reg. No. 44,634  
Hill, Rustan J., Reg. No. 37,351  
Ho, Raymond J., Reg. No. 41,838  
Hsu, John, Reg. No. 45,563

Huang, Sam, Reg. No. 48,430  
Jenkins, Marylee, Reg. No. 37,645  
Loughlin, Leo, Reg. No. 42,811  
Marmelstein, Charles M., Reg. No. 25,895  
Murphy, Christopher, Reg. No. 39,786  
Oram, George, E., Jr., Reg. No. 27,931  
Ozgu, Murat, Reg. No. 44,275  
Stahnke, Sarah, Reg. No. 54,854  
Sundararajan, Bala, Reg. No. 50,900  
Wong, King, Reg. No. 37,500

20. ☒ Address all future communications to:

CUSTOMER No. 004372  
ARENT FOX KINTNER PLOTKIN & KAHN, PLLC  
1050 CONNECTICUT AVENUE, N.W.,  
SUITE 400  
WASHINGTON, D.C. 20036-5339

Respectfully submitted,

  
King L. Wong  
Registration No. 37,500

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC  
1050 Connecticut Avenue, N.W., Suite 400  
Washington, D.C. 20036-5339

Rule 1.53(b) Continuing Application  
of U.S. Application No. 09/755,088  
Filed January 8, 2001

Tel: (202) 857-6000  
Fax: (202) 638-4810  
KLW:elp